

Recombinant Human IP6K2 Protein, His-tagged

Cat. No. IP6K2-503H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IP6K2, transcript variant 2, fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	THis gene encodes a protein that belongs to the inositol phosphokinase (IPK) family. THis protein is likely responsible for the conversion of inositol hexakisphosphate (InsP6) to diphosphoinositol pentakisphosphate (InsP7/PP-InsP5). It may also convert 1,3,4,5,6-pentakisphosphate (InsP5) to PP-InsP4 and affect the growth suppressive and apoptotic activities of interferon-beta in some ovarian cancers. Alternative splicing results in multiple transcript variants encoding different isoforms.
Form	25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1 % Sarkosyl.
Molecular Mass	49 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	IP6K2 inositol hexakisphosphate kinase 2 [Homo sapiens]
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Official Symbol	IP6K2
Synonyms	IP6K2; inositol hexakisphosphate kinase 2; IHPK2, inositol hexaphosphate kinase 2; insp6 kinase 2; pi uptake stimulator; inositol hexaphosphate kinase 2; ATP:1D-myo-inositol-hexakisphosphate phosphotransferase; PIUS; IHPK2;
Gene ID	51447
mRNA Refseq	NM_001005909
Protein Refseq	NP_001005909
MIM	606992
UniProt ID	Q9UHH9

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